

EUROBATEX®



CFC, HCFC free, GWP zero thermal insulation in the form of tubes, sheets, coils and self-adhesive tape, a Flexible Elastomeric Foam product complying with the European standard EN 14304. EUROBATEX is a closed cell, integral vapour barrier material with a high emissivity surface making it the ideal material for condensation control on refrigeration, air-conditioning and dual temperature services. It also has a class leading s2 smoke rating to the EN 13823 Reaction to Fire test. Its stable thermal conductivity and availability as thin wall items also provide specific benefits for energy conservation, frost protection, temperature control and personnel protection applications.



advanced elastomeric thermal and acoustic insulation materials



EUROBATEX®

Type of material: Black closed-cell flexible elastomeric foam (FEF).

Product range: Tubes in pipe sections and coils (also in a self-adhesive version) with thicknesses from 6 to 60 mm and diameters from 6 to 160 mm.
Flat sheets or rolls (also in a self-adhesive version) with thicknesses from 6 to 50 mm.
Tapes with a thickness of 3 mm.

Fields of application: Thermal insulation of refrigeration, air-conditioning and heating & plumbing services in commercial, industrial and domestic applications.

Dimensional tolerances: In accordance with the European Standard EN 14304.

Environmental Information: Flexible and expanded CFC and HCFC-free rubber foam. It does not damage the ozone layer (ODP zero) and does not contribute to the greenhouse effect (GWP zero).

Storage conditions/shelf life: Store the material in a dry and clean environment at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight before installing. Tapes and self-adhesive sheets should not be kept in storage for more than one year.

PHYSICAL PROPERTIES	RESULT OBTAINED	TEST METHOD
Operating temperature range*	-45 °C +110 °C	EN 14706/EN 14707
Thermal conductivity λ At a mean temperature of 0 °C	Tubes THK 6-19 mm ≤ 0.034 W/m·K Tubes THK 25-60 mm ≤ 0.036 W/m·K Sheets and tapes ≤ 0.034 W/m·K	EN 12667/EN ISO 8497
At a mean temperature of + 40 °C	Tubes THK 6-19 mm ≤ 0.038 W/m·K Tubes THK 25-60 mm ≤ 0.040 W/m·K Sheets and tapes ≤ 0.038 W/m·K	
Water vapour diffusion resistance factor (μ)	≥ 7000	EN 13469/EN 12086
Water vapour permeability	0.07 $\mu\text{gm/Nh}$	BS4370:Part 2
Water absorption	< 0,1 kg/m ²	EN 13472/EN 1609
Fire performance European standard	Tubes B _L -s2,d0 Tapes B-s2,d0 Sheets B-s3,d0	EN 13501 -1
UK: Fire propagation Surface spread of flame Building Regulations	i1 \leq 6.0 Class 1 Class 0	BS476: Part 6 BS476: Part 7 BS476 Parts 6 and 7
USA, Canada	UL Approved Flame Class V-0 5VA	UL 94 UL 746 A
Switzerland	Flame Class V.2	
Shipyards (MED)	Meets test requirements	IMO Res. MSC.307(88)
Ozone resistance	Excellent	ISO 7326
UV resistance	Good	UNI ISO 4892-2
Antimicrobial behaviour	Meets test requirements	AATCC test method 30-2004
Corrosion risk	Meets test requirements	EN 13468

* NB: for applications at lower temperatures please contact our technical department.

For self-adhesive sheets and tapes, the maximum service temperature standard is +85 °C.

For information regarding the chemical resistance of the product please consult the specific technical documentation.

System 1 CE Marking in accordance with the European Standard EN 14304
Certification of Constancy of Performance issued by GSH - Celle D-29227

After intensive testing under the supervision of the GSH, Union Foam S.p.A. has been authorized to use the **RAL** mark of quality, which guarantees the meeting of all requirements stipulated by **System 1+**, defined by the European Regulation (CPR) for construction products.

All the normatives quoted in this document are updated to the latest issued versions.

For outside uses Eurobatex should be protected with Union Covering or Vec elastomeric paint.

Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.

EUROBATEX®

PIPE SECTIONS - LENGTH 2 m

PRODUCT RANGE

COPPER PIPE (Cu)		STEEL PIPE (Fe)			PE/PP/PVC TUBES	Thickness 6 mm		Thickness 9 mm		Thickness 13 mm	
ext. ø mm	ø nomin. DN	ext. ø mm	ø inches	ø nomin. DN	ø nomin. DN	Code. Thickness for int. ø	m/ct	Code. Thickness for int. ø	m/ct	Code. Thickness for int. ø	m/ct
6	4					06-06 EUR	496	09-06 EUR	352	13-06 EUR	220
8	6					06-08 EUR	432	09-08 EUR	300	13-08 EUR	210
10	8	10,20	1/8"	6		06-10 EUR	364	09-10 EUR	266	13-10 EUR	172
12	10				12	06-12 EUR	316	09-12 EUR	234	13-12 EUR	136
14	10	13,60	1/4"	8		06-14 EUR*	266	09-14 EUR*	192	13-14 EUR*	136
15/16					16	06-15/16 EUR	266	09-15/16 EUR	192	13-15/16 EUR	136
17/18	15	17,20	3/8"	10		06-17/18 EUR	220	09-17/18 EUR	166	13-17/18 EUR	118
20					20	06-20 EUR*	180	09-20 EUR*	135	13-20 EUR*	98
22	20	21,30	1/2"	15		06-22 EUR	180	09-22 EUR	136	13-22 EUR	98
25	20	25,0			25	06-25 EUR*	152	09-25 EUR*	108	13-25 EUR*	80
27/28	25	26,90	3/4"	20		06-27/28 EUR	130	09-27/28 EUR	98	13-27/28 EUR	78
34/35	32	33,7	1"	25		06-34/35 EUR	100	09-34/35 EUR	76	13-34/35 EUR	58
38								09-38 EUR*	66	13-38 EUR*	50
42	40	42,4	1,1/4"	32		06-42 EUR	90	09-42 EUR	60	13-42 EUR	48
48				40				09-48 EUR	50	13-48 EUR	40
54	35	48,3	1,1/2"	40				09-54 EUR	46	13-54 EUR	34
57								09-57 EUR*	46	13-57 EUR*	32
60		60,3	2"	50				09-60 EUR	46	13-60 EUR	32
64								09-64 EUR*	46	13-64 EUR*	30
70		70,0						09-70 EUR	40	13-70 EUR	26
76	65	76,1	2,1/2"	65				09-76 EUR	40	13-76 EUR	26
80								09-80 EUR*	36	13-80 EUR*	24
90	80	88,9	3	80				09-90 EUR	36	13-90 EUR	24
101		101,6/104,3	3,1/2"					09-101 EUR	22	13-101 EUR	14
108								09-108 EUR*	22	13-108 EUR*	12
114	100	114,3	4"	100				09-114 EUR	22	13-114 EUR	12
127		127,0								13-127 EUR*	10
133		133,0								13-133 EUR*	8
140		139,7								13-140 EUR*	8
160		160,0								13-160 EUR*	8

* Product not in stock, only produced on request. Packaging dimensions: 212 x 33 x 39 cm.



PIPE SECTIONS - LENGTH 2 m

COPPER PIPE (Cu)		STEEL PIPE (Fe)		PE/PP/PVC TUBES	Thickness 19 mm		Thickness 25 mm		Thickness 32 mm		
ext. ø mm	ø nomin. DN	ext. ø mm	ø inches	ø nomin. DN	ø nomin. DN	Code. Thickness for int. ø	m/ct	Code. Thickness for int. ø	m/ct	Code. Thickness for int. ø	m/ct
10	8	10,20	1/8"	6		19-10 EUR	98				
12	10					19-12 EUR	88				
14	10	13,60	1/4"	8		19-14 EUR*	78				
15/16					12	19-15/16 EUR	78				
17/18	15	17,20	3/8"	10		19-17/18 EUR	72	25-17/18 EUR	50	32-17/18 EUR	32
20					16	19-20 EUR*	66				
22	20	21,30	1/2"	15		19-22 EUR	64	25-22 EUR	42	32-22 EUR	32
25	20	25,0			20	19-25 EUR*	50				
27/28	25	26,90	3/4"	20		19-27/28 EUR	48	25-27/28 EUR	40	32-27/28 EUR	24
34/35	32	33,7	1"	25	25	19-34/35 EUR	36	25-34/35 EUR	24	32-34/35 EUR	22
38						19-38 EUR*	32				
42	40	42,4	1,1/4"	32		19-42 EUR	32	25-42 EUR	22	32-42 EUR	16
48				40		19-48 EUR	24	25-48 EUR	18	32-48 EUR	14
54	35	48,3	1,1/2"	40		19-54 EUR	24	25-54 EUR	16	32-54 EUR	12
57						19-57 EUR*	22				
60		60,3	2"	50		19-60 EUR	22	25-60 EUR	12	32-60 EUR	10
64						19-64 EUR*	18	25-64 EUR*	12	32-64 EUR*	10
70		70,0				19-70 EUR	18	25-70 EUR*	12	32-70 EUR*	8
76	65	76,1	2,1/2"	65		19-76 EUR	18	25-76 EUR	10	32-76 EUR	8
80						19-80 EUR*	14			32-80 EUR*	8
90	80	88,9	3	80		19-90 EUR	14	25-90 EUR	8	32-90 EUR	8
101		101,6/104,3	3,1/2"			19-101 EUR	14				
102								25-102 EUR	8	32-102 EUR	6
108						119-108 EUR*	12	25-108 EUR*	6	32-108 EUR	6
114	100	114,3	4"	100		19-114 EUR	12	25-114 EUR	6	32-114 EUR	6
127		127,0				19-127 EUR*	10				
133		133,0				19-133 EUR*	8	25-133 EUR	4	32-133 EUR	4
140		139,7				19-140 EUR*	8	25-140 EUR	4	32-140 EUR	4
160		160,0				19-160 EUR*	8	25-160 EUR*	4	32-160 EUR*	4

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Different thicknesses and diameters available on request.

EUROBATEX®

PIPE SECTIONS



SELF-ADHESIVE PIPE SECTIONS - LENGTH 2 m

COPPER PIPE (Cu)		STEEL PIPE (Fe)			PE/PP/PVC TUBES	Thickness 9 mm		Thickness 13 mm		Thickness 19 mm	
ext. ø mm	ø nomin. DN	ext. ø mm	ø inches	ø nomin. DN	ø nomin. DN	Code. Thickness for int. ø	m/ct	Code. Thickness for int. ø	m/ct	Code. Thickness for int. ø	m/ct
12	10				12	09-12EUR 0 AD2	234	13-12EUR 0 AD2	136	19-12EUR 0 AD2	88
14	10	13,60	1/4"	8		09-14EUR 0 AD2*	192	13-14EUR 0 AD2*	136	19-14EUR 0 AD2*	78
15/16					16	09-15/16EUR 0 AD2	192	13-15/16EUR 0 AD2	136	19-15/16EUR 0 AD2	78
17/18	15	17,20	3/8"	10		09-17/18EUR 0 AD2	166	13-17/18EUR 0 AD2	118	19-17/18EUR 0 AD2	72
20					20	09-20EUR* 0 AD2	135	13-20EUR 0 AD2*	98	19-20EUR 0 AD2*	66
22	20	21,30	1/2"	15		09-22EUR 0 AD2	136	13-22EUR 0 AD2	98	19-22EUR 0 AD2	64
25	20	25,0			25	09-25EUR 0 AD2*	108	13-25EUR 0 AD2*	80	19-25EUR 0 AD2*	50
27/28	25	26,90	3/4"	20		09-27/28EUR 0 AD2	98	13-27/28EUR 0 AD2	78	19-27/28EUR 0 AD2	48
34/35	32	33,7	1"	25		09-34/35EUR 0 AD2	76	13-34/35EUR 0 AD2	58	19-34/35EUR 0 AD2	36
38						09-38EUR 0 AD2*	66	13-38EUR 0 AD2*	50	19-38EUR 0 AD2*	32
42	40	42,4	1,1/4"	32		09-42EUR 0 AD2	60	13-42EUR 0 AD2	48	19-42EUR 0 AD2	32
48				40		09-48EUR 0 AD2	50	13-48EUR 0 AD2	40	19-48EUR 0 AD2	24
54	35	48,3	1,1/2"	40		09-54EUR 0 AD2	46	13-54EUR 0 AD2	34	19-54EUR 0 AD2	24
57						09-57EUR 0 AD2*	46	13-57EUR 0 AD2*	32	19-57EUR 0 AD2*	22
60		60,3	2"	50		09-60EUR 0 AD2	46	13-60EUR 0 AD2	32	19-60EUR 0 AD2	22
64						09-64EUR 0 AD2*	46	13-64EUR 0 AD2*	30	19-64EUR 0 AD2*	18
70		70,0				09-70EUR 0 AD2	40	13-70EUR 0 AD2	26	19-70EUR 0 AD2	18
76	65	76,1	2,1/2"	65		09-76EUR 0 AD2	40	13-76EUR 0 AD2	26	19-76EUR 0 AD2	18
80						09-80EUR 0 AD2*	36	13-80EUR 0 AD2*	24	19-80EUR 0 AD2*	14
90	80	88,9	3	80		09-90EUR 0 AD2	36	13-90EUR 0 AD2	24	19-90EUR 0 AD2	14
101		101,6/104,3	3,1/2"					13-101EUR 0 AD2	14	19-101EUR 0 AD2	14
108								13-108EUR 0 AD2*	12	119-108EUR 0 AD2*	12
114	100	114,3	4"	100				13-114EUR 0 AD2	12	19-114EUR 0 AD2	12

COPPER PIPE (Cu)		STEEL PIPE (Fe)			PE/PP/PVC TUBES	Thickness 25 mm		Thickness 32 mm	
ext. ø mm	ø nomin. DN	ext. ø mm	ø inches	ø nomin. DN	ø nomin. DN	Code. Thickness for int. ø	m/ct	Code. Thickness for int. ø	m/ct
17/18	15	17,20	3/8"	10			50	32-17/18EUR 0 AD2	32
22	20	21,30	1/2"	15		25-22EUR 0 AD2	42	32-22EUR 0 AD2	32
27/28	25	26,90	3/4"	20			40	32-27/28EUR 0 AD2	24
34/35	32	33,7	1"	25	25	25-34/35EUR 0 AD2	24	32-34/35EUR 0 AD2	22
42	40	42,4	1,1/4"	32			22	32-42EUR 0 AD2	16
48				40		25-48EUR 0 AD2	18	32-48EUR 0 AD2	14
54	35	48,3	1,1/2"	40			16	32-54EUR 0 AD2	12
60		60,3	2"	50		25-60EUR 0 AD2	12	32-60EUR 0 AD2	10
64							12	32-64EUR 0 AD2*	10
70		70,0				25-70EUR 0 AD2*	12	32-70EUR 0 AD2*	8
76	65	76,1	2,1/2"	65			10	32-76EUR 0 AD2	8
80								32-80EUR 0 AD2*	8
90	80	88,9	3	80			8	32-90EUR 0 AD2	8
102						25-102EUR 0 AD2	8	32-102EUR 0 AD2	6
108							6	32-108EUR 0 AD2	6
114	100	114,3	4"	100		25-114EUR 0 AD2	6	32-114EUR 0 AD2	6

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EUROBATEX[®] COILS

Internal ø mm	Thickness 6 mm		Thickness 9 mm		Thickness 13 mm	
	code	m/ct	code	m/ct	code	m/ct
6	06-06 EURO 0 ROT	95	09-06 EURO 0 ROT	70	13-06 EURO 0 ROT	45
10	06-10 EURO 0 ROT	75	09-10 EURO 0 ROT	50	13-10 EURO 0 ROT	35
12	06-12 EURO 0 ROT	65	09-12 EURO 0 ROT	45	13-12 EURO 0 ROT	32
15	06-15 EURO 0 ROT	55	09-15 EURO 0 ROT	40	13-15 EURO 0 ROT	32
18			09-18 EURO 0 ROT	38	13-18 EURO 0 ROT	30
20			09-20 EURO 0 ROT	34	13-20 EURO 0 ROT	28
22	06-22 EURO 0 ROT	40	09-22 EURO 0 ROT	30	13-22 EURO 0 ROT	26
28	06-28 EURO 0 ROT	30	09-28 EURO 0 ROT	26	13-28 EURO 0 ROT	20

Packaging dimensions: 60 x 60 x 21 cm.

EUROBATEX[®]



COILS



advanced elastomeric thermal and acoustic insulation materials

EUROBATEX® SHEETS IN ROLLS

Code	Thickness mm	Dimensions m ²
06EUR R	6	30
10EUR R	10	20
13EUR R	13	14
16EUR R	16	12
19EUR R	19	10
25EUR R	25	8
32EUR R	32	6
40EUR R	40	4

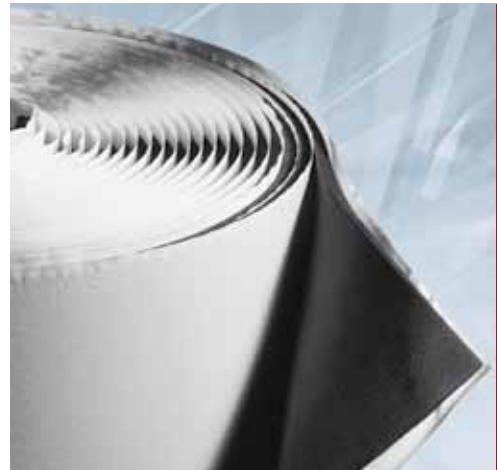
Packaging dimensions: 54 x 54 x 110 cm (volume = 0.32m³)
Different thicknesses are available on request.



SELF-ADHESIVE SHEETS IN ROLLS

Code	Thickness mm	Dimensions m ²
06EUR R AD	6	30
10EUR R AD	10	20
13EUR R AD	13	14
16EUR R AD	16	12
19EUR R AD	19	10
25EUR R AD	25	8
32EUR R AD	32	6
40EUR R AD	40	4

Packaging dimensions: 54 x 54 x 110 cm (volume = 0.32m³)
Different thicknesses are available on request.



SHEETS

FLAT SHEETS: 2 x 0.5m

Code	Thickness mm	Dimensions m
06EUR P 0,5x2	6	2 x 0,5
10EUR P 0,5x2	10	2 x 0,5
13EUR P 0,5x2	13	2 x 0,5
16EUR P 0,5x2	16	2 x 0,5
19EUR P 0,5x2	19	2 x 0,5
25EUR P 0,5x2	25	2 x 0,5
32EUR P 0,5x2	32	2 x 0,5
40EUR P 0,5x2	40	2 x 0,5

Packaging dimensions: 210 x 17 x 57 cm (volume = 0.20m³)
Different thicknesses are available on request.



EUROBATEX[®]

DIMENSIONAL TOLERANCES SPECIFIED BY EUROPEAN PRODUCT STANDARD EN 14304

Form of delivery	Length	Width	Thickness		Squareness	Inside diameter	
			Declared	Tolerance		$D_i \leq 100$	$D_i > 100$
Tubes	$\pm 1,5\%$	-	$d_D \leq 8$	± 1	3,0 mm	$D_{iD} + 1 \leq D_i \leq D_{iD} + 4$	$D_{iD} + 1 \leq D_i \leq D_{iD} + 6$
			$8 < d_D \leq 18$	$\pm 1,5$	-		
			$18 < d_D \leq 31$	$\pm 2,5$	-	-	
			$d_D > 31$	± 3	-	-	
Sheets	$\pm 1,5\%$	$\pm 2\%$	$d_D \leq 6$	± 1	3,0 mm/m (length/width)	-	-
			$6 < d_D \leq 19$	$\pm 1,5$	-		
			$d_D > 19$	± 2	3,0 mm (thickness)		
Rolls	+ 5% - 1.5%	$\pm 2\%$	$d_D \leq 6$	± 1	3,0 mm/m (length/width)	-	-
			$6 < d_D \leq 19$	$\pm 1,5$	-		
			$d_D > 19$	± 2	3,0 mm (thickness)		
Tapes	+ 5% - 1.5%	$\pm 2\%$	$d_D = 3$	- 0.1 + 1,5	-	-	-



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